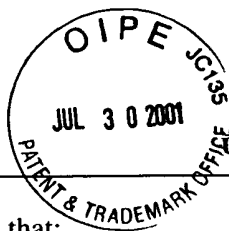


## DECLARATION IN ORIGINAL APPLICATION



U.S. Attorney Docket No.: SP01-047

As a below named inventor, I declare that:

My residence, Post Office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **ARRAYED OPTICAL DEVICE**.

The specification of which (check only one item below):

- ☐ is attached hereto
- ☒ was filed as United States Application Serial No. 09/810,928 on March 15, 2001 and was amended on (if applicable)
- ☐ was filed as PCT international application number , on , and was amended under PCT Article 19 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, on the same subject matter, having a filing date before that of the application on which priority is claimed:

- | <input type="checkbox"/>            | Country: | Application No.: | Filing Date: |
|-------------------------------------|----------|------------------|--------------|
| <input checked="" type="checkbox"/> | NONE     |                  |              |

I hereby claim the benefit under Title 35 United States Code § 119(e) and § 120 of any United States application(s) or 365(c) of any PCT international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37 Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

- | <input type="checkbox"/>            | Provisional No.:            | Filed:                  | Status:         |
|-------------------------------------|-----------------------------|-------------------------|-----------------|
| <input checked="" type="checkbox"/> | Application No.: 09/767,255 | Filed: January 22, 2001 | Status: Pending |
|                                     | PCT Application No:         | Filed:                  | Status:         |
| <input type="checkbox"/>            | NONE                        |                         |                 |

**DECLARATION IN ORIGINAL APPLICATION**

U.S. Attorney Docket No.: SP01-047

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:** Juro Kikuchi**Resident Address:** 101 Mezon Gureju, 2-10-3 Kubo Kakegawa City, Shizuoka  
436-0027 JAPAN**Post Office Address:** same**Citizenship:** JAPANDATE: Apr. 16, 2001Juro Kikuchi  
Juro Kikuchi**Full Name of Inventor:** Yasuyuki Mizushima**Resident Address:** 700-2 Sonogaya, Kakegawa City, Shizuoka-pref., 436-0083  
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Yasuyuki Mizushima**Full Name of Inventor:** Hiroki Takahashi**Resident Address:** 1340-8 Fukuroi City, Shizuoka 437-0032 JAPAN**Post Office Address:** same**Citizenship:** JAPANDATE: April 16, 2001H. Takahashi  
Hiroki Takahashi

DECLARATION IN ORIGINAL APPLICATION

U.S. Attorney Docket No.: SP01-047

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**Full Name of Inventor:** Yoshiaki Takeuchi

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JAPAN

**Post Office Address:** same

**Citizenship:** JAPAN

DATE: April 16, 2001

*Y. Takeuchi*  
Yoshiaki Takeuchi

## ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **ARRAYED OPTICAL DEVICE**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE April 16, 2001  
DATE April 17, 2001  
DATE April 16, 2001  
DATE April 16, 2001

and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Shizuoka, Japan, this

Apr. 16, 2001  
Date

Witnessed by:

April 17, 2001  
Date

Juro Kikuchi  
Juro Kikuchi

Y. Imamura  
Witness Signature

Y. IMAMURA  
Witness Type or Printed Name

April 17, 2001  
Date

Witnessed by:

April 17, 2001  
Date

Y. Mizushima  
Yasuyuki Mizushima

Y. Imamura  
Witness Signature

Y. IMAMURA  
Witness Type or Printed Name

April 16, 2001  
Date

Witnessed by:

April 17, 2001  
Date

H. Takahashi  
Hiroki Takahashi

Y. Imamura  
Witness Signature

Y. IMAMURA  
Witness Type or Printed Name

April 16, 2001  
Date

Witnessed by:

April 17, 2001  
Date

Y. Takeuchi  
Yoshiaki Takeuchi

Y. Imamura  
Witness Signature

Y. IMAMURA  
Witness Type or Printed Name